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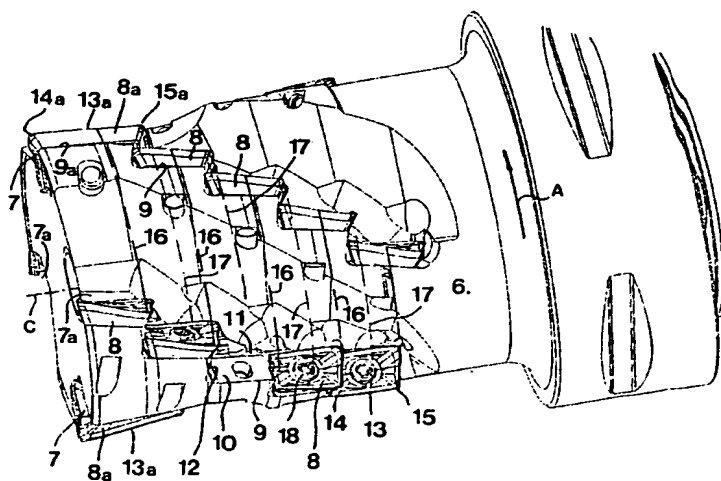
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(54) Title: MILLING TOOL WITH OVERLAPPING INSERTS



(57) Abstract: The invention relates to a cylindrical cutter of the type that comprises a milling body (1) rotatable around a geomet-
rical axis (C) having an envelope surface (6) extending rearward from a end (5), in which surface a plurality of tangentially spaced
flutes (7, 7a) are formed, which separately includes a plurality of axially spaced-part insert pockets (9) for releasably mounted cut-
ting inserts (8), the active edges (13) of which are partially overlapping each other, more precisely in imaginary, radially extending
overlapping planes (16, 17). According to the invention, a first insert pocket (9a) located closest to the front end (5), together with the
appurtenant cutting insert (8a) in a first flute (7), has another length than the other insert pockets and the cutting inserts, respectively,
in the same flute in order to axially displace said overlapping planes (16, 17) in relation to each other and in such a way guarantee
that the machined surface always is passed by at least one entire edge, at the same time as the cutting edges of all front cutting inserts
extend up to a common radial plane adjacent to the front end while forming a full effective milling cutter.

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